

Listing of the Claims

1. (Previously Presented) A vending machine configured to retain objects for distribution, the vending machine comprising

a cabinet defining an interior region sized to receive the objects for distribution,

a door coupled to the cabinet to move between an opened position permitting access to the interior region of the cabinet and a closed position blocking access to the interior region of the cabinet, at least one of the cabinet and door having an opening sized to permit distribution of the objects while the door is in the closed position, and

a lock configured to move between a locked position blocking movement of the door from the closed position and an unlocked position permitting movement of the door from the closed position, the lock including a first interactive member, a second interactive member, and a motor configured to power unlocking of the door, the second interactive member being configured to move relative to the first interactive member absent power from the motor to block the door from moving to the opened position, the motor powering relative movement between the first and second interactive members during locking.

2. (Previously Presented) The vending machine of claim 1, wherein the first interactive member is supported by the door and the second interactive member is supported by the cabinet.

3. (Original) The vending machine of claim 1, wherein the motor imparts rotational movement to at least one of the first and second interactive members.

4. (Original) The vending machine of claim 1, wherein the motor includes a housing and a shaft, the shaft remains stationary relative to the housing during the relative movement of the first and second interactive members.

5. (Previously Presented) The vending machine of claim 1, wherein the motor powers at least a portion of the unlocking of the door.

6. (Previously Presented) A vending machine configured to retain objects for distribution, the vending machine comprising

a cabinet defining an interior region sized to receive the objects for distribution,

a door coupled to the cabinet to move between an opened position permitting access to the interior region of the cabinet and a closed position blocking access to the

interior region of the cabinet, at least one of the cabinet and door having an opening sized to permit distribution of the objects while the door is in the closed position, and

a lock configured to move between a locked position blocking movement of the door from the closed position and an unlocked position permitting movement of the door from the closed position, the lock including a first interactive member, a second interactive member, and a motor configured to power unlocking of the door, the second interactive member being configured to move relative to the first interactive member during at least a portion of the locking of the door absent power from the motor, wherein the lock further includes a biaser positioned to urge the first and second interactive members into contact.

7. (Previously Presented) A vending machine configured to retain objects for distribution, the vending machine comprising

a cabinet defining an interior region sized to receive the objects for distribution,

a door coupled to the cabinet to move between an opened position permitting access to the interior region of the cabinet and a closed position blocking access to the interior region of the cabinet, at least one of the cabinet and door having an opening sized to permit distribution of the objects while the door is in the closed position,

a lock configured to move between a locked position blocking movement of the door from the closed position and an unlocked position permitting movement of the door from the closed position, the lock including a first interactive member and a second interactive member, and

a motor configured to power movement of the lock, the first interactive member and the second interactive member being moveable between one of an engaged position and a disengaged position to the other of the engaged position and the disengaged position absent power from the motor, the first interactive member and the second interactive member blocking movement of the door to the opened position when the first interactive member and the second interactive member are in the engaged position, the motor providing relative movement between the first and second interactive members to move the door to the closed position.

8. (Cancelled)

9. (Previously Presented) The vending machine of claim 7, wherein the motor is configured to power at least a portion of the movement of the door from the closed position to the opened position.

10. (Previously Presented) The vending machine of claim 7, wherein the second interactive member transmits force from the motor to the door.

11. (Cancelled)

12. (Original) The vending machine of claim 7, wherein the motor includes a housing and a shaft, the shaft rotates relative to the housing during powered movement of the lock by the motor, the shaft remains substantially stationary relative to the housing during at least a portion of the locking of the door.

13. (Previously Presented) The vending machine of claim 7, wherein the motor rotates the first interactive member of the lock.

14. (Previously Presented) A vending machine configured to retain objects for distribution, the vending machine comprising

a cabinet defining an interior region sized to receive the objects for distribution,

a door coupled to the cabinet to move between an opened position permitting access to the interior region of the cabinet, a plurality of intermediate positions, and a closed position blocking access to the interior region of the cabinet, at least one of the cabinet and door having an opening sized to permit distribution of the objects while the door is in the closed position,

a seal positioned between the cabinet and the door,

a lock, and

a motor, the door being moveable to one of the intermediate positions by a manual input, the lock blocking movement of the door to the opened position from each of the intermediate positions, the motor being configured to power movement of the door to the closed position from the intermediate position to compress the seal.

15. (Previously Presented) The vending machine of claim 14, wherein the lock includes a first interactive member and a second interactive member, the first interactive member has moving contact with the second interactive member during movement of the door between the opened position and the intermediate position absent power from the motor.

16. (Previously Presented) The vending machine of claim 14, wherein the motor is configured to power movement of the lock during unlocking of the door.

17. (Previously Presented) The vending machine of claim 14, wherein the motor provides relative movement between the first and second interactive members during locking.

18. (Original) The vending machine of claim 14, wherein the motor includes a housing and a shaft, the shaft rotates relative to the housing during movement of the door from the intermediate position to the closed position, the shaft remains substantially stationary relative to the housing when the door moves from the opened position to the closed position.

19. (Original) The vending machine of claim 14, wherein the motor stops powering movement of the door when a threshold torque is detected.

20. (Original) The vending machine of claim 14, further comprising a sensor configured to activate the motor when the door reaches the intermediate position.

21. (Previously Presented) The vending machine of claim 1, further comprising a seal positioned between the door and the cabinet when the door is in the closed position and wherein the motor is configured to power further movement of the second interactive member to compress the seal and seal the interior region of the vending machine.

22. (Previously Presented) The vending machine of claim 7, wherein the first interactive member is supported by the door and the second interactive member is supported by the cabinet.

23. (Previously Presented) The vending machine of claim 7, wherein the first interactive member is rotated to disengage the first interactive member from the second interactive member.

24. (Previously Presented) The vending machine of claim 23, wherein the motor rotates the first interactive member to power movement of the lock from the locked position to permit opening of the door.

25. (Previously Presented) The vending machine of claim 7, wherein the first interactive member and the second interactive member are moveable between the engaged position and the disengaged position absent power from the motor and between the disengaged position and the engaged position absent power from the motor.